

PATENT COOPERATION TREATY

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>15632PCT00</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/DK 03/00698</b>	International filing date ( <i>day/month/year</i> ) <b>14/10/2003</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>14/10/2002</b>
Applicant <b>CUBE MEDICAL A/S</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

- the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
- contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of Invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

2

None of the figures.

**INTERNATIONAL SEARCH REPORT**

International Application No
PCT/DK 03/00698

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 A61F2/06 //A61L27/54**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 A61F A61L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal, MEDLINE**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 49535 A (BAR ELI ;NICAST LTD (IL); DUBSON ALEXANDER (IL)) 27 June 2002 (2002-06-27) page 16, line 12 -page 25, line 19; figures 3-11 ---	1-34
X	WO 01 41678 A (ADVANCED CARDIOVASCULAR SYSTEM) 14 June 2001 (2001-06-14)  page 7, line 11 -page 8, line 22; figures 1-3 ---	1-5, 12-25, 32-34
X	WO 02 24247 A (NASH JOHN E ;EVANS DOUGLAS G (US); HOGANSON DAVID M (US); KENSEY N) 28 March 2002 (2002-03-28) page 13, line 17 -page 15, line 25; figures 1-10 abstract ---	1-5, 12-25, 32-34

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

**4 February 2004**

Date of mailing of the international search report

**02 APR 2004**

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
• Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

**LEIF BRANDER / ELY**

## INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK 03/00698

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 161 399 A (JAYARAMAN SWAMINATHAN) 19 December 2000 (2000-12-19) the whole document ---	1-34
A	US 6 224 625 B1 (JAYARAMAN SWAMINATHAN) 1 May 2001 (2001-05-01) the whole document ---	1-34
A	US 2001/056299 A1 (THOMPSON PAUL J) 27 December 2001 (2001-12-27) the whole document -----	1-34

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/DK 03/00698

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0249535	A	27-06-2002	US	2002084178 A1		04-07-2002
			AU	1634002 A		01-07-2002
			AU	1634202 A		01-07-2002
			AU	2249402 A		01-07-2002
			CA	2432156 A1		27-06-2002
			CA	2432159 A1		27-06-2002
			CA	2432164 A1		27-06-2002
			EP	1353606 A2		22-10-2003
			EP	1355677 A2		29-10-2003
			WO	0249678 A2		27-06-2002
			WO	0249535 A2		27-06-2002
			WO	0249536 A2		27-06-2002
			EP	1377419 A2		07-01-2004
			EP	1377420 A2		07-01-2004
			EP	1377421 A2		07-01-2004
			WO	02074189 A2		26-09-2002
			WO	02074190 A2		26-09-2002
			WO	02074191 A2		26-09-2002
-----						
WO 0141678	A	14-06-2001	AU	4521901 A		18-06-2001
			WO	0141678 A2		14-06-2001
-----						
WO 0224247	A	28-03-2002	AU	8694001 A		02-04-2002
			WO	0224247 A1		28-03-2002
-----						
US 6161399	A	19-12-2000	WO	9921506 A2		06-05-1999
-----						
US 6224625	B1	01-05-2001	US	2002004677 A1		10-01-2002
-----						
US 2001056299	A1	27-12-2001	US	6342068 B1		29-01-2002
			US	5718159 A		17-02-1998
			AU	729170 B2		25-01-2001
			AU	1992897 A		06-11-1997
			CA	2202708 A1		30-10-1997
			EP	0804909 A2		05-11-1997
			JP	3119831 B2		25-12-2000
			JP	10033692 A		10-02-1998
-----						